

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SUGIURA et al (As Amended)

Atty. Ref.: 2018-746

Serial No. To Be Assigned

Group: unknown

Filed: July 24, 2003

Examiner: unknown

For: STICK-TYPE IGNITION COIL HAVING IMPROVED
STRUCTURE AGAINST CRACK OR DIELECTRIC DISCHARGE

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

July 24, 2003

Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants hereby disclose to the Patent Office patents, publications, and other information of which they are aware. Forms PTO-1449 listing the above-items for consideration by the Examiner is attached hereto. The listed references were cited by or submitted to the Patent Office in connection with the parent Application Serial No. 09/635,138 from which this application claims priority under 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. §1.98(d), copies of the cited references are not being separately provided in this application.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 

Michelle N. Lester

Reg. No. 32,331

MNL:slj
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

2018-746

Not yet assigned

APPLICANT

SUGIURA et al (As Amended)

(Use several sheets if necessary)

FILING DATE

GROUP

July 24, 2003

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4866409	9/1989	Umezaki			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
DE 3113743A1	10/1982	Germany				
WO 93/13533	8/1993	WIPO				
0388146 A1	9/1990	EPO				
0738831 A2	10/1996	EPO				
0827163 A2	3/1998	EPO				
2512714	09/1976	Germany				
0258036	03/1988	EPO				
2302616A	01/1997	Great Britain				
10-112413	04/1998	Japan				
1 125519	08/1989	Japan				
1 63120	04/1989	Japan				
62 197831	12/1987	Japan				
9 186034	07/1997	Japan				
5 267072	10/1993	Japan				
3 236208	10/1991	Japan				
2 301105	12/1990	Japan				
58-61615	04/1983	Japan				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60 192313 A (Nippon Denso KK), 30 September 1985
	PATENT ABSTRACTS OF JAPAN, Vol. 013, No. 254 (E-772), 13 June 1989 & JP 01 053514A (Nippon Denso Co. Ltd.), 1 March 1989
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 008, 30 August 1996 & JP 08 086267A (Toyo Denso Co. Ltd.), 2 April 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 097, No. 005, 30 May 1997 & JP 09 017662A (Hitachi Ltd: Hitachi Automot Eng Co Ltd), 17 January 1997
	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 430 (C-1236), 11 August 1994 & JP 06 128471A (Toray Ind Inc); 10 May 1994
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 003, 29 March 1996 & JP 07 312839 A (Mitsubishi Electric Corp); 28 November 1995
	Engineering Drawing No. 029700-4790 of DENSO dated 1990

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

2018-746

Not Yet Assigned

APPLICANT

SUGIURA et al (As Amended)

(Use several sheets if necessary)

FILING DATE

GROUP

July 24, 2003

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 416 459	5/16/95	IDA ET AL			
	5 778 863	07/1998	OOSUKA			
	5 703 556	12/1997	KIKUTA			
	4 982 498	01/1991	UMEZAKI			
	4 803 454	02/1991	UMEZAKI			
	4 736 179	04/1988	BEHNKE			
	4 532 398	07/1985	HENRIKSSON			
	4 325 096	04/1982	SUNOHARA			
	2 743 308	04/1956	BARDSLEY			
	4 744 337	05/1988	EBINUMA			
	4 514 712	07/1998	MCDUGAL			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
Y2-59-030501	08/1984	JAPAN				
A 09-022825	01/1997	JAPAN				
A 09-180948	07/1997	JAPAN				
A 09-171934	06/1997	JAPAN				
A 9-167709	06/1997	JAPAN				
0 782 231 A1	02/1997	EP				
A 05-021242	01/1993	JAPAN				
A 62-166745	07/1987	JAPAN				
A 50-74123	06/1975	JAPAN				
1 156 732	11/1983	CANADA				
A 05-146107	6/1993	JAPAN				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

~~SERIAL NO.~~

2018-746

To Be Assigned

~~APPLICANT~~

SUGIURA et al (As Amended)

(Use several sheets if necessary)

FILING DATE

GROUP

July 24, 2003

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

DOCUMENT							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT		
											YES	NO	
			04-144217				05/1992	JAPAN				XX	
			61-158116				07/1986	JAPAN				XX	
			08-203757				08/1996	JAPAN				XX	
			07-142233				06/1995	JAPAN				XX	
			60-103608				06/1985	JAPAN				XX	
			62-172127				10/1987	JAPAN	concise explanation				
			3028977				07/1996	JAPAN	concise explanation				
			2-92912				07/1990	JAPAN	concise explanation				
			10-22144				02/1998	JAPAN				XX	
			4-144218				05/1992	JAPAN					

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Journal of NIPPONDENSO Technical Disclosure; <i>Ignition Device for Internal Combustion Engine</i> ; No. 81-083; November 15, 1991 with Translation

*Examiner

Date Considered _____

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.